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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: HADLACZKY *et al.*

Serial No.: 09/096,648  
Confirmation No: 2049

Filed: June 12, 1998

For: ARTIFICIAL CHROMOSOMES, USES THEREOF  
AND METHODS FOR PREPARING ARTIFICIAL  
CHROMOSOMES

Group Art Unit: 1632

Examiner: Martin, J.

I hereby certify that this paper and the attached  
papers are being deposited with the United States  
Postal Service as first class mail in an envelope  
addressed to: Assistant Commissioner for  
Patents, Washington, D.C. 20231.

9/04/01  
Date

*Paula K. Schoeneck*  
Paula K. Schoeneck

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TRANSMITTAL LETTER

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith is a Response to the Office Action mailed March 1, 2001, Attachment; and a check for the fee for a three month extension of time. If a Petition for extension of time is needed, this paper is to be considered such Petition.

**Extension fee for response within the third month:**

(X) By a small entity.....\$445.00.

- ☒ The Commissioner is hereby authorized to charge the fee for the extension of time and any other fee that may be due in connection with this and the attached papers or with this application during its entire pendency to Deposit Account No. 50-1213. A duplicate of this sheet is enclosed.

Respectfully submitted,  
HELLER EHRMAN WHITE & McAULIFFE LLP

By:

*Paula K. Schoeneck*  
Paula K. Schoeneck  
Registration No. 39,362

Attorney Docket No. 24601-402A  
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## AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Responsive to the Office Action mailed March 1, 2001 (the "Office  
Action"), please amend the application as follows:

### IN THE CLAIMS:

Please cancel claims 40, 41, 90-92 and 101-105 without prejudice or  
disclaimer.

Please replace claims 32, 33, 43, 44, 71, 73, 74, 93 and 95-99 with  
amended claims 32, 33, 43, 44, 71, 73, 74, 93 and 95-99 as follows:

32. A method for producing a transgenic non-human mammal,  
comprising introducing a cell comprising a satellite artificial chromosome into a  
female non-human mammal; and

allowing the cell to develop into a transgenic non-human mammal  
comprising a satellite artificial chromosome.

~~33. The method of claim 32, wherein the cell is a mouse stem cell.~~

43. A method of producing a transgenic non-human mammal,  
comprising:  
introducing nucleic acid into a first cell;  
growing the cell under conditions that selectively permit the growth of  
cells containing the nucleic acid;